

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO					Complete If Known			
30	ostitute for form 14	10742	•		Application Number	Not Yet Assigned 0/501	55	
II	NFORMA	TION	DI	SCLOSURE	Filing Date	July 13, 2004		
STATEMENT BY APPLICANT				APPLICANT	First Named Inventor	Koichiro Saga		
i	3 ,,,, 2 ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Art Unit	N/A		
(Use as many she ets as necessary)				s necess ary)	Examiner Name	Not Yet Assigned		
Sheet	1		of	1	Attorney Docket Number	SON-2563		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	AA				-				
	AB			· · · · · · · · · · · · · · · · · · ·					
	AC			· · · · · · · · · · · · · · · · · · ·					
	AD		1						

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	76			
Initials*	No.1	Country Code ³ -Number ⁴ -Kind.Code ⁴ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear				
/J.V	\₿A	JP 10-135170	05/22/98	Texas Instr Inc.		X			
IJW	BB	JP 10-099806	04/21/98	Texas Instr Inc.		Х			
	BC	·			•				
	BD ·			·					
	BE								
	BF				•				
	BG								
	вн								
	Ві								
	BJ								
	вк								

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.usplc.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²						
7.J.W.T	CA	International Search Report dated May 20, 2003							
 	СВ								
	CC								
	CD		1						

^{*}EXAMINER: Initial if reference considered, whether or not cliation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|--|

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

OT 19 MAN SO

PTO/SB/08a/to (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

e for form 1449A	B/PTO		Complete If Known		
			Application Number	10/501,155	
ORMATI	ON DIS	CLOSURE	Filing Date	July 13, 2004	
TEMEN	T BY A	PPLICANT	First Named Inventor	Koichiro Saga	
			Art Unit	2812	
(Use as man	y sheets as n	ecess ary)	Examiner Name	N/A	
1	of	1	Attorney Docket Number	SON-2563	
	ORMATI TEMEN	(Use as many sheets as n	ORMATION DISCLOSURE ATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number Print 1449A/B/PTO Application Number Filing Date First Named Inventor An Unit (Use as many sheets as necessary) Examiner Name	Application Number 10/501,155 ORMATION DISCLOSURE Filing Date July 13, 2004 First Named Inventor Koichiro Saga An Unit 2812 (Use as many she ets as necessary) Examiner Name N/A

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	AA								
	AB								

				FORE	GN PATENT	DOCUMENTS		
	miner	Cite	Foreign Patent Do	cument	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	\Box
initi		No.'	Country Code ³ -Number ⁴ -Kind	d Code ^s (il known)	MM-DD-YYYY	Applicant of Cited Document		
7.	J.W.	ВА	JP 2001-21097 A	•	01/26/01	Kawasaki Steel Corp.		Ø
Г	1	ВВ	JP 2000-091180 A	•	03/31/00	Nippon Telegr & Teleph Corp.		図
		BC	JP 09-139374	o	05/27/97	Hitachi Ltd		X
Г	W	BD	JP 2001-165568 A	1	06/22/01	Nipon Telegr & Teleph		区
		BE	,	-				\Box
Г		BF						\Box

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
	CA							

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	/Joy Watson/	Date 44404	2007
Signature	/Joy_Watson/	Considered 11/16/2	2007

^{&#}x27;Applicant's unique cliation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0861-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduc ARADA 95, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/B/P	TO.		Complete if Known		
		. •	ı	Application Number	10/501,155-Conf. #5207	
11	IFORMATIO	N DI	SCLOSURE	Filing Date	July 13, 2004	
S	TATEMENT	BY A	APPLICANT	First Named Inventor	Koichiro Saga	
_				Art Unit	2812	
	(Use as many s	heets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	SON-2563	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number Hind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т⁰
/J.W.	BA	JP 2003-224099	08-08-2003	Sony Corp.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Opcuments at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-latter code (WIPO Standard 9T.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard 9T.18 if possible. *Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	72
		Cite magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

Examiner	/ low Mataon/	Date	44/40/0007
Cianotura	/Jov Watson/	Considered	11/16/2007
Signature		Considered	

^{&#}x27;Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.



PTC/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/	B/PTO		Complete if Known		
0.00				Application Number	10/501,155-Conf. #5207	
١N	IFORMATI	ON DI	SCLOSURE	Filing Date	July 13, 2004	
S	STATEMENT BY APPLICANT			First Named Inventor	Koichiro Saga	
				Art Unit	2812	
	(Use as man	y sheets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	. 1	Attorney Docket Number	SON-2563	

			U.S. PA	TENT DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
					•

				FOREI	GN PATENT	DOCUMENTS		
Examiner		Cite	Foreign Patent (Document	Publication Date			
Initial		No.1	Country Code ³ -Number ⁴ -K	ind Code ⁶ (if known)		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
7.	IW	/BA	WO 01/33613	•	05-10-2001	Supercritical Systems Inc.		x
		BB	WO 02/080233	•	02-21-2002	Kabushiki Kaisha Kobe Seiko Sho		×
		BC	WO 02/15251	,	10-10-2002	Tokyo Electron Limited		X
1	1	BD				·		
V		BE						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.goy or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS		-
Examiner Initials	Cite No.1			T²
7.I W 7	CA	Supplementary EPO Search Report mailed April 28, 2006	•	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner //a\Makean/	Date	
		44/46/0007
Signature 130y Watson	Considered	11/10/2007

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449/PTO

1

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

1

	Complete If Known					
Application Number	10/501,155-Conf. #5207					
Filing Date	July 13, 2004					
First Named Inventor	Koichiro Shoji					
Art Unit	1746					
Examiner Name	M. Kornakov					
Attorney Docket Number	SON-2563					

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		

		FOREIG	GN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	П
initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
J.W.	ВА	JP-10-135170	05-22-1998	Texas Instruments Inc		7
/.LW./	ВВ	JP-10-099806	04-21-1998	Texas Instruments Inc		7
/J.W./	вс	JP-2002-237481	08-23-2002	Kobe Steel Ltd		I
7J.W./	BD	JP-2002-222786	08-09-2002	lbm		V

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cile No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		Copy of Japanese Office Action dated June 5, 2007 issued in copending application No. 2004-	
		225263	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner		Date	
Signature	/Joy Watson/	I = 1	44/40/0007
Signature	100y VI alsoni	Considered	17/16/2007
			لـــــــــــــــــــــــــــــــــــــ

Applicant's unique citation designation number (optional). Applicant is to place a check mark horo if English language Translation is attached.